

**IN THE CLAIMS:**

Please amend claim 47 as follows. As required under the new, revised format, a complete listing of the claims is included.

1-29. Cancelled

30. (previously presented) A composition for the oxidation dyeing of keratin fibres comprising:

- at least one oxidation dye precursor, and

- at least one nonionic amphiphilic polymer comprising at least one fatty chain and at least one hydrophilic unit, said at least one nonionic amphiphilic polymer being chosen from:

(1) celluloses modified with groups containing at least one fatty chain, and

(2) hydroxypropyl guars modified with groups containing at least one fatty chain.

31. (previously presented) A composition according to Claim 30, wherein said keratin fibres are human keratin fibres, and wherein said composition further contains a medium suitable for dyeing.

32. (previously presented) A composition according to Claim 31, wherein said human keratin fibres are hair.

33. (previously presented) A composition according to Claim 32, wherein said celluloses are hydroxyethyl celluloses modified with groups containing at least one group chosen from alkyl, arylalkyl, and alkylaryl.

34. (previously presented) A composition according to Claim 33, wherein said hydroxyethyl celluloses contain at least one C<sub>8</sub>-C<sub>22</sub> alkyl group.

35. Cancelled.

36. (previously presented) A composition according to Claim 32, wherein said celluloses contain at least one polyalkylene glycol alkylphenyl ether group.

37. (previously presented) A composition according to Claim 32, wherein said at least one oxidation dye precursor is chosen from ortho- and para-phenylenediamines, bis(phenyl)alkylenediamines, ortho- and para- aminophenols, heterocyclic bases, and acid addition salts thereof.

38. (previously presented) A composition according to Claim 32, wherein said at least one oxidation dye precursor is present in concentrations ranging from 0.0005 to 12% by weight relative to the total weight of the composition.

39. (previously presented) A composition according to Claim 30, wherein said composition further contains at least one coupler.

40. (previously presented) A composition according to Claim 39, wherein said at least one coupler is chosen from meta-phenylenediamines, meta-aminophenols, meta-diphenols, heterocyclic couplers, and acid addition salts thereof.

41. (previously presented) A composition according to Claim 40, wherein said at least one coupler is present in concentrations ranging from 0.0001 to 10% by weight relative to the total weight of the composition.

42. (previously presented) A composition according to Claim 40, wherein said acid addition salts are chosen from hydrochlorides, hydrobromides, sulphates, tartrates, lactates, and acetates.

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

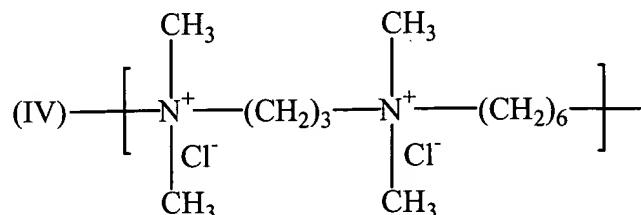
1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
[www.finnegan.com](http://www.finnegan.com)

43. (previously presented) A composition according to Claim 37, wherein said acid addition salts are chosen from hydrochlorides, hydrobromides, sulphates, tartrates, lactates, and acetates.

44. (previously presented) A composition according to Claim 31, wherein said composition further comprises at least one direct dye.

45. (previously presented) A composition according to Claim 31, wherein said composition further comprises at least one additional polymer chosen from cationic and amphoteric substantive polymers.

46. (previously presented) A composition according to Claim 45, wherein said at least one additional polymer is a quaternary polyammonium polymer comprising repeating units corresponding to formula (IV) below:

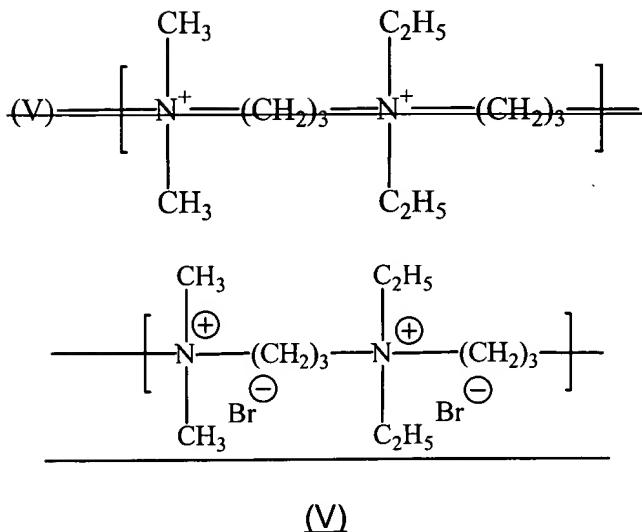


and wherein the molecular weight of said at least one additional polymer, determined by gel chromatography, ranges from 9500 to 9900.

47. (currently amended) A composition according to Claim 45, wherein said at least one additional polymer is a quaternary polyammonium polymer comprising repeating units corresponding to formula (V) below:

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
www.finnegan.com



(V)

and wherein the molecular weight of said at least one additional polymer, determined by gel chromatography, is about 1200.

48. (previously presented) A composition according to Claim 31, wherein said composition further comprises at least one reducing agent which is present in an amount ranging from 0.05 to 3% by weight relative to the total weight of the composition.

49. (previously presented) A composition according to Claim 31, wherein said composition further comprises an oxidizing agent.

50. (previously presented) A composition according to Claim 49, wherein said composition has a pH ranging from 4 to 11.

51. (previously presented) A composition according to Claim 49, wherein said oxidizing agent is chosen from hydrogen peroxide, urea peroxide, alkali metal bromates and ferricyanides, and persalts.

52. (previously presented) A composition according to Claim 51, wherein said oxidizing agent is an aqueous hydrogen peroxide solution having a titre ranging from 2.5 to 40 volumes.

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
www.finnegan.com

53. (previously presented) A composition according to Claim 52, wherein said at least one nonionic amphiphilic polymer is present in an amount ranging from 0.05 to 10% by weight relative to the total weight of the composition.

54. (previously presented) A composition according to Claim 53, wherein said at least one nonionic amphiphilic polymer is present in an amount ranging from 0.2 to 5% by weight relative to the total weight of the composition.

55. (previously presented) A process for the oxidation dyeing of keratin fibres comprising the steps of:

applying to said fibres a composition for the oxidation dyeing of keratin fibres comprising:

- at least one oxidation dye precursor, and  
- at least one nonionic amphiphilic polymer comprising at least one fatty chain and at least one hydrophilic unit, said at least one nonionic amphiphilic polymer being chosen from:

(1) celluloses modified with groups containing at least one fatty chain, and

(2) hydroxypropyl guars modified with groups containing at least one fatty chain; and

applying an oxidizing agent to said fibres in alkaline, neutral or acidic medium to develop color.

56. (previously presented) A process according to Claim 55, wherein said keratin fibres are human keratin fibres.

57. (previously presented) A process according to Claim 56, wherein said human keratin fibres are hair.

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
www.finnegan.com

58. (previously presented) A composition for the oxidation dyeing of keratin fibres comprising:

- a dye composition comprising:

-- at least one oxidation dye precursor, and

-- at least one nonionic amphiphilic polymer comprising at least one fatty chain and at least one hydrophilic unit, said at least one nonionic amphiphilic polymer being chosen from:

(1) celluloses modified with groups containing at least one fatty chain, and

(2) hydroxypropyl guars modified with groups containing at least one fatty chain; and

- an oxidizing composition comprising an oxidizing agent, wherein said oxidizing composition does not contain any of said nonionic amphiphilic polymer.

59. (previously presented) A composition for the oxidation dyeing of keratin fibres comprising:

- dye composition comprising:

-- at least one oxidation dye precursor, and

-- at least one nonionic amphiphilic polymer comprising at least one fatty chain and at least one hydrophilic unit, said at least one nonionic amphiphilic polymer being chosen from:

(1) celluloses modified with groups containing at least one fatty chain, and

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
[www.finnegan.com](http://www.finnegan.com)

(2) hydroxypropyl guars modified with groups containing at least one fatty chain; and

- an oxidizing composition comprising an oxidizing agent, wherein said oxidizing composition further comprises at least one nonionic amphiphilic polymer comprising at least one fatty chain and at least one hydrophilic unit, said at least one nonionic amphiphilic polymer being chosen from:

(1) celluloses modified with groups containing at least one fatty chain, and

(2) hydroxypropyl guars modified with groups containing at least one fatty chain.

60. (previously presented) A process for the oxidation dyeing of keratin fibres comprising the steps of:

-applying to said fibres at least one composition comprising, in a medium which is suitable for dyeing:

- at least one oxidation dye precursor, and

- at least one nonionic amphiphilic polymer comprising at least one fatty chain and at least one hydrophilic unit, said at least one nonionic amphiphilic polymer being chosen from:

(1) celluloses modified with groups containing at least one fatty chain, and

(2) hydroxypropyl guars modified with groups containing at least one fatty chain; and

-applying an oxidizing composition comprising an oxidizing agent to said fibres in alkaline, neutral, or acidic medium to develop color, wherein said oxidizing composition does not contain any of said nonionic amphiphilic polymer.

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
www.finnegan.com

61. (previously presented) A process according to Claim 60,  
wherein said keratin fibres are human keratin fibres.

62. (previously presented) A process according to Claim 61,  
wherein said human keratin fibres are hair.

63. (previously presented) A multi-compartment kit for dyeing  
keratin fibres comprising a first compartment and a second compartment, wherein said  
first compartment contains a composition for the oxidation dyeing of keratin fibres  
comprising:  
- at least one oxidation dye precursor, and  
- at least one nonionic amphiphilic polymer comprising at least one fatty  
chain and at least one hydrophilic unit, said at least one nonionic amphiphilic polymer  
being chosen from:  
(1) celluloses modified with groups containing at least one fatty chain, and  
(2) hydroxypropyl guars modified with groups containing at least one fatty chain;  
and  
wherein said second compartment contains an oxidizing composition comprising an  
oxidizing agent in a medium which is suitable for dyeing.

64. (previously presented) A multi-compartment kit or device  
according to Claim 63, wherein said keratin fibres are human keratin fibres.

65. (previously presented) A multi-compartment kit or device  
according to Claim 64, wherein said human keratin fibres are hair.

66. (previously presented) A multi-compartment kit for dyeing  
keratin fibres comprising a first compartment and a second compartment, wherein said

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
www.finnegan.com

first compartment contains a composition for the oxidation dyeing of keratin fibres comprising:

- at least one oxidation dye precursor, and
- at least one nonionic amphiphilic polymer comprising at least one fatty chain and at least one hydrophilic unit, said at least one nonionic amphiphilic polymer being chosen from
  - (1) celluloses modified with groups containing at least one fatty chain, and
  - (2) hydroxypropyl guars modified with groups containing at least one fatty chain;and

wherein said second compartment contains an oxidizing composition comprising an oxidizing agent used in a medium which is suitable for dyeing, wherein said oxidizing composition does not contain any of said nonionic amphiphilic polymer.

67. (previously presented) A ready-to-use composition for the oxidation dyeing of keratin fibres comprising:

- at least one oxidation dye precursor,
- at least one nonionic amphiphilic polymer comprising at least one fatty chain and at least one hydrophilic unit, said at least one nonionic amphiphilic polymer being chosen from:

- (1) celluloses modified with groups containing at least one fatty chain, and
- (2) hydroxypropyl guars modified with groups containing at least one fatty chain;

and

- an oxidizing agent.

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
www.finnegan.com

68. (previously presented) A process for the oxidation dyeing of keratin fibres comprising the steps of:

-applying to said fibres at least one composition comprising, in a medium which is suitable for dyeing:

- at least one oxidation dye precursor, and  
- at least one nonionic amphiphilic polymer comprising at least one fatty chain and at least one hydrophilic unit, said at least one nonionic amphiphilic polymer being chosen from:

(1) celluloses modified with groups containing at least one fatty chain, and  
(2) hydroxypropyl guars modified with groups containing at least one fatty chain; and

-applying an oxidizing composition comprising an oxidizing agent to said fibres in alkaline, neutral, or acidic medium to develop color, wherein said oxidizing composition further comprises at least one nonionic amphiphilic polymer comprising at least one fatty chain and at least one hydrophilic unit, said at least one nonionic amphiphilic polymer being chosen from:

(1) celluloses modified with groups containing at least one fatty chain, and  
(2) hydroxypropyl guars modified with groups containing at least one fatty chain.

69. (previously presented) A process according to Claim 68, wherein said keratin fibres are human keratin fibres.

70. (previously presented) A process according to Claim 69, wherein said human keratin fibres are hair.

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
[www.finnegan.com](http://www.finnegan.com)

71. (previously presented) A multi-compartment kit for dyeing keratin fibres comprising a first compartment and a second compartment, wherein said first compartment contains a composition for the oxidation dyeing of keratin fibres comprising:

- at least one oxidation dye precursor, and
- at least one nonionic amphiphilic polymer comprising at least one fatty chain and at least one hydrophilic unit, said at least one nonionic amphiphilic polymer being chosen from

- (1) celluloses modified with groups containing at least one fatty chain, and
- (2) hydroxypropyl guars modified with groups containing at least one fatty chain;

and

wherein said second compartment contains an oxidizing composition comprising an oxidizing agent used in a medium which is suitable for dyeing, wherein said oxidizing composition further comprises at least one nonionic amphiphilic polymer comprising at least one fatty chain and at least one hydrophilic unit, said at least one nonionic amphiphilic polymer being chosen from:

- (1) celluloses modified with groups containing at least one fatty chain, and
- (2) hydroxypropyl guars modified with groups containing at least one fatty chain.

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
[www.finnegan.com](http://www.finnegan.com)